



◦ EN 50288-7

## ■ Anwendung / Application

- |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>■ Mess- und Regeltechnik analoge und digitale Signalübertragung</li> <li>■ Chemieindustrie</li> <li>■ Industrieller Signal- und Prozessregelkreis</li> <li>■ Petrochemieindustrie</li> <li>■ Elektrische Messgeräte an Instrumententafel</li> <li>■ Tankstellen</li> <li>■ Steuerschränke zu Aufsichtskonsolen und Panel</li> </ul> | <ul style="list-style-type: none"> <li>■ Instrumentation and control engineering analog and digital signal transmission</li> <li>■ Chemistry industry</li> <li>■ Industrial signaling and process control circuit.</li> <li>■ Petrochemistry industry</li> <li>■ Electrical measuring devices to instrument panel</li> <li>■ Gas stations</li> <li>■ Control cabinets to supervisory consoles and panel</li> </ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## ■ Kabel Design / Cable Design

<p><b>Leiter</b> : DIN VDE 0295, IEC 60228, EN 60228, Klasse 2 Feindrähtig Elektrolytkupfer Geglüht Kupferdraht</p> <p><b>Mantel</b> : EN 50290-2-29 XLPE-Mischung</p> <p><b>Mantelfarbe</b> : Weiße Adern mit schwarzen Zahlen aufgedruckt</p> <p><b>Verseilung</b> : Einstreu in Schichten</p> <p><b>Verpackung</b> : PES-Band</p> <p><b>Inneremantel</b> : EN 50290-2-22 PVC-Mischung</p> <p><b>Armierung</b> : Schutzgeflecht aus verzinktem Stahldraht</p> <p><b>Außenmantel</b> : EN 50290-2-22 PVC-Mischung</p> <p><b>Mantelfarbe</b> : RAL 9005 Schwarz</p>	<p><b>Conductor</b> : DIN VDE 0295, IEC 60228, EN 60228, Class 2 Electrolytic Stranded Annealed Copper Wire</p> <p><b>Insulation</b> : EN 50290-2-29 XLPE Compound</p> <p><b>Insulation Colour</b> : White cores with black numbers imprinted</p> <p><b>Stranding</b> : Bedding in Layers</p> <p><b>Wrapping</b> : PES Tape</p> <p><b>Inner Sheath</b> : EN 50290-2-22 PVC Compound</p> <p><b>Armour</b> : Galvanized steel wire braid</p> <p><b>Outer Sheath</b> : EN 50290-2-22 PVC Compound</p> <p><b>Sheath Colour</b> : RAL 9005 Black</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## ■ Brandverhalten Tests / Fire Performance Tests



Flammhemmend  
Flame Retardant

VDE 0482-332-1-2  
IEC 60332-1-2  
EN 60332-1-2



Flammwidrigkeit  
Flame Propagation

VDE 0482-332-3-24  
IEC 60332-3-24  
EN 60332-3-24  
[Cat. C]



Ölbeständigkeit  
Oil Resistant

ICEA S-73-532 Test  
temperature +70 °C,  
duration 4h

## ■ Technische Daten / Technical Specification

Betriebsspannung Operating voltage	Prüfspannung Test voltage	Temperaturbereiches Temperature range	Min. Biegeradien Min. bending radius
kV	V	°C	D
0,6/1,0	2000	-30°C ~+90°C	10

Artikelnummer Products Code	Querschnitt Cross Section	Leiterwiderstand Conductor Resistance	Isolationswiderstand Insulation Resistance	Gegenseitige Kapazität Mutual Capacity	L/R (Verhältnis) max. L/R (Ratio) max.	Gesamtdurchmesser Overall Diameter	Gewicht Cable Weight
-	mm <sup>2</sup>	Ω/km	MΩ x km	nF/m	μH/Ω	mm	kg/km
7131617025	2x2,50	7,41	5000	140	60	12,05	230

- |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>■ Die obigen Werte entsprechen den Angaben des Herstellers und können nicht garantiert werden.</li> <li>■ Wir behalten uns das Recht vor, Änderungen ohne vorherige Ankündigung vorzunehmen.</li> <li>■ Alle anderen Größen oder andere Ausführungen auf Anfrage</li> </ul> | <ul style="list-style-type: none"> <li>■ The above values correspond to the manufacturer's specifications and are not guaranteed.</li> <li>■ We reserve the right to change details without notice.</li> <li>■ Any other sizes or any other designs available on request.</li> </ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



**TRI**  
**GLOBAL KABEL**